

CLAIMS

What is claimed is:

1. A process of surface treatment comprising:
a step of providing a hydrophobic property to a surface of a plate; and
a step of providing a hydrophilic property to the surface of the plate
provided with the hydrophobic property by irradiating radiation thereon;
wherein variations in accumulated illumination intensity of the radiation
on the surface of the plate are controlled to 20% or less.
2. A process of surface treatment according to Claim 1, wherein
variations in accumulated illumination intensity of the radiation on the surface
of the plate are controlled to 15% or less.
3. A process of surface treatment according to Claim 1, further
comprising irradiating the radiation while relatively moving the plate with
respect to a source of the radiation.
4. A process of surface treatment according to Claim 3, further
comprising moving the plate with respect to a plurality of arranged radiation
sources in a direction of arrangement of the plurality of radiation sources.
5. A process of surface treatment according to Claim 1, further
comprising:
a step of measuring illumination intensity of the radiation at a plurality
of points on the surface of the plate and in a vicinity of the plate before

providing the hydrophilic property; and

a step of controlling irradiation of the radiation based on the accumulated illumination intensity of the radiation in the vicinity of the plate measured during the process of providing the hydrophilic property.

6. A surface treated plate comprising a plate having the surface treatment applied by the process of surface treatment according to Claim 1.

7. An electro-optic device comprising a conductive film wiring formed on the surface treated plate according to Claim 6.

8. Electronic equipment comprising the electro-optic device according to Claim 7.

9. A surface treating device for irradiating radiation on the surface of a plate and providing a hydrophilic property to the surface, wherein a reciprocating device for relatively moving the source of the radiation and the plate.

10. A surface treating device according to Claim 9, wherein the plate is relatively moved along a direction of arrangement of a plurality of rows of radiation sources.